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Method for adaptively deciding motion vector region

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Patent Family

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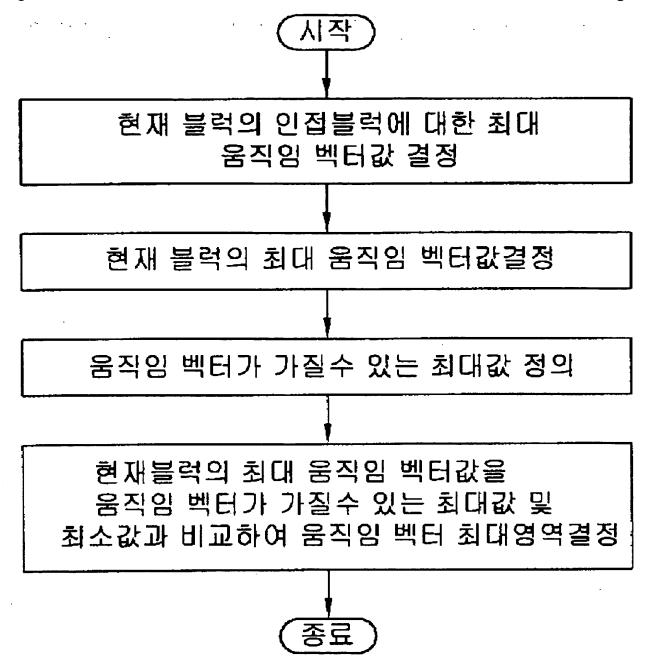
Abstract:

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NOVELTY A method for adaptively deciding a motion vector region is provided to estimate the motion vector maximum region of a block, in which a motion vector is to be estimated, from the motion vector of the neighboring block.

DETAILED DESCRIPTION A maximum motion vector value is decided for a block adjacent to the block currently processed. A maximum motion vector value of the block currently processed is determined from the maximum motion vector value of the adjacent block. The maximum value and minimum value of a motion vector are defined. The maximum motion vector value of the block currently processed is compared with the maximum value and minimum value of the motion vector, to decide the maximum motion vector value as a motion vector maximum region value within the range between the maximum value and minimum value.

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